REMARKS

This is a response to the Office Action mailed on December 21, 2006, in this application. Claims 1-8, 10-20, and 23-24 are currently pending. Claims 9, 21-22, and 25-35 have been canceled. Claims 1, 2, 3, 15, and 23 are hereby amended. Individual issues raised in the Office Action are addressed below.

Claim Rejections Under 35 U.S.C. § 112

Claims 1-35 were rejected under 35 U.S.C. 112, second paragraph, as being indefinite. Claims 9, 21-22 and 25-35 have been canceled. The rejections of these claims are therefore moot and should be withdrawn. The remaining claims have been carefully reviewed and amended as deemed necessary to ensure that they fully conform to the requirements of 35 U.S.C. 112, second paragraph. Applicant submits that these rejections have therefore been overcome and should be withdrawn.

Claim 1 was rejected under 35 U.S.C. 112, first paragraph as being non-enabling with respect to how geolocation information is determined from one satellite. Applicant wishes to first point out that original claim 1 claimed geolocation information *received* rather than geolocation information *determined* from "at least one GPS satellite." In any case, as claim 1 has now been amended to strike this clause, applicant submits that the rejection is moot and should be withdrawn.

Claim Rejections Under 35 U.S.C. 103(a)

Claims 1-35 were rejected under 35 U.S.C. 103(a) as obvious in view of various combinations of references cited in the attached PTO Form 892. Claims 9, 21-22, and 25-35 have been canceled, so the rejections of these claims are moot and should be withdrawn. As to the remaining pending claims:

Independent claim 1 of the present invention, as amended, comprises "a test terminal for generating and transmitting a MAR optimizing data signal for use in optimizing the MAR, wherein the MAR optimizing data signal comprises a conventional-GPS (C-GPS) geolocation information obtained in a C-GPS operation mode and an assisted-GPS (A-GPS) data obtained in an A-GPS operation mode" and "a position determination entity for receiving the MAR optimizing data signal through a mobile communication network

including the base transceiver station, the base station controller and the mobile switching center, analyzing the MAR optimizing data signal to update the preset MAR of the base transceiver station". However, none of cited references, alone or in combination, teaches or suggests these features of independent claim 1 of the present invention.

Independent claim 15 of the present invention, as amended, comprises "analyzing the C-GPS geolocation information and the A-GPS data of each wireless base station to determine an object wireless base station for which MAR optimization is needed, wherein the object wireless base station is located adjacent to or covers at least one measurement point at which over a predetermine number of GPS satellites are observed and included in the C-GPS geolocation information and less than the predetermined number of GPS satellites are observed and included in the A-GPS data" and "calculating a new MAR by using a MAR optimizing algorithm, wherein the MAR optimizing algorithm sets the maximum distance between the wireless base station and each measurement point as the new MAR". However, none of cited references, alone or in combination, teaches or suggests these features of independent claim 15 of the present invention.

The Examiner states that "Deloach differs from the claimed subject matter since the specifics of the mobile terminal GPS receiver are not shown", "Olsson differs from the claimed subject matter since the mobile device is not specified as including reception of assisted GPS data", and "Garceran differs from the claimed subject matter since the particulars of assisted GPS are not specified". To remedy the foregoing, the Examiner further states that Yamazaki teaches a conventional stand-alone GPS receiver unit and an assisted GPS receiver unit.

However, although Yamazaki teaches a C-GPS receiver and an A-GPS receiver, Yamazaki fails to teach or suggest elements for generating such C-GPS geolocation information and A-GPS data, or configuration for transmitting them as the MAR optimizing data to the position determination entity.

As a result, none of cited references, alone or in combination, teaches or suggests at least the above-mentioned features of independent claims 1 and 15 of the present invention. Therefore, the rejections of claims 1 and 15 should be withdrawn. As the other remaining pending claims are dependent claims depending on claim 1 or on claim 15, the rejections of these claims should also be withdrawn, for at least this reason.

Conclusion

In view of the above, applicants respectfully submit that the present application is in condition for allowance. A favorable disposition to that effect is respectfully requested.

No fee is believed to be due for this submission. In the event a fee is required please charge such a fee to Jones Day Deposit Account No. 50-3013.

Should the Examiner have any questions or comments concerning this submission, she is invited to call the undersigned at the phone number listed below.

Respectfully submitted,

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